

- WALKER, J. J. 1902. Antipodean field notes. I. New Caledonia, the New Hebrides, and adjacent islands. *Entomol. Mon. Mag.* 38:189-203.
- WALKER, J. J. 1919. The fringes of butterfly life. *Trans. Entomol. Soc. London* 1919: xci-cxvii.
- WILLIAMS, C. B. 1930. The migration of butterflies. Oliver & Boyd, London. 473 pp.
- WILLIAMS, C. B. 1945. Occurrence of *Vanessa cardui* at sea off the west African coast. *Proc. R. Entomol. Soc. London (A)* 20:4-5.
- WILLIAMS, C. B. 1965. Insect migration. Collins, London. 237 pp.
- ZIMMERMAN, E. C. 1958. Insects of Hawaii. Vol. 7, Macrolepidoptera. Univ. Hawaii Press. 542 pp.

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NOTES ON THE TYPE OF *PAPILIO CRESPHONTES*
AB. "MAXWELLI" (PAPILIONIDAE)

Additional key words: aberration, holotype, Florida.

Papilio cresphontes (Cramer) is a widespread Neotropical species with few associated infrasubspecific names, despite the preponderance of these names employed elsewhere within the Papilionidae. *Papilio cresphontes* ab. "maxwelli" Franck is a rare aberration characterized by elongated yellow spots near the apex of the forewing, described by Franck (1919a) as "giving the specimen a striking tropical appearance." In his description of the taxon, Franck (1919a) figured the holotype of "maxwelli" but omitted data regarding the type locality, sex of the specimen, and the collection in which it was deposited. As a result, this information was unknown to subsequent authors, including Miller and Brown (1981) and Ferris (1989). Kimball (1965), likewise, did not mention *P. cresphontes* ab. "maxwelli", apparently because he was unaware of the Florida type locality. However, Franck (1919b) amended his description with a short note that has been overlooked by researchers for over seventy years.

In a one-sentence emendation, Franck (1919b) designated the type locality as St. Petersburg, Florida, and noted that the description was based upon a single male specimen in the William Barnes collection. The holotype is now located in the collection of the National Museum of Natural History where the Barnes collection is largely deposited. The specimen possesses two labels: a red holotype label affixed in 1990 and an old white label bearing nearly undecipherable handwriting, possibly reading "Mar 29." No additional information is discernable. Clark (1936) figured another male specimen of the "maxwelli" phenotype without providing locality data.

Although infrasubspecific taxa are not subject to rules of the International Code of Zoological Nomenclature, any taxon within such a highly popularized and thoroughly studied family is of special interest.

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LITERATURE CITED

- CLARK, A. H. 1936. The swallowtail butterflies. *Ann. Rpt. of the Smiths. Inst. for the Year Ending 1935*:383-408.
- FERRIS, C. D. (ed.). 1989. Supplement to: A catalogue/checklist of the butterflies of North America, north of Mexico. *Lepid. Soc. Mem.* No. 3. 103 pp.

- FRANCK, G. 1919a. *Papilio cresphontes*, var. maxwelli, nov. Bull. Brooklyn Entomol. Soc. 14:3.
- FRANCK, G. 1919b. *Papilio cresphontes*, var. maxwelli Franck. Bull. Brooklyn Entomol. Soc. 14:101.
- KIMBALL, C. P. 1965. Lepidoptera of Florida. Div. of Plant Industry, Gainesville. 363 pp.
- MILLER, L. D. & F. M. BROWN. 1981. Catalogue/checklist of the butterflies of North America, north of Mexico. Lepid. Soc. Memoir No. 2. 280 pp.
- JOHN V. CALHOUN, 1731 San Mateo Drive, Dunedin, Florida 34698.

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